



## **Incentives & Rebates!**

Programs in our area can help reduce the costs of new electric vehicles and charging equipment for residents

## What to Know about **ELECTRIC VEHICLES**

#### **EV MAINTENANCE ADVANTAGES**

- Never need an oil change
- Fewer moving parts than a gas-powered vehicle
- Regenerative braking system reduces wear and tear

#### **ROUTINE MAINTENANCE TIPS**

Every 7,500 miles, rotate your tires and inspect your brakes, coolant levels, and power steering.

#### **ABOUT BATTERIES**

EV batteries can last 10-20 years or up to 300,000 miles. Battery range can decrease over time.

To maintain battery performance, keep your battery between 20 - 80% charge, and avoid frequent DC Fast Charging.



### Federal Income Tax Credit

Up to \$7,500 for certain new vehicles models and \$4,000 for used vehicles. The credit reduces your total tax bill and is limited by family income.

## 📻 Maryland Energy **Administration**

Rebate equal to 40% of the cost of charging equipment and installation, up to \$700.

# Montgomery County Green Bank

Provides low-cost financing and technical support for EV charging stations.



## **See** Utility Incentives

Contact Pepco, BGE, and Potomac Edison for rebates, bill credits, and special electricity rates for qualified EV chargers.



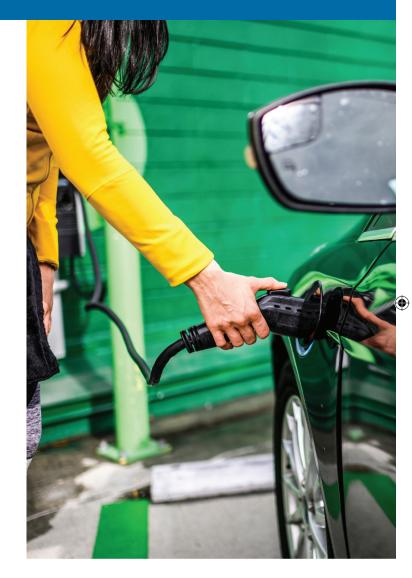
## **Se** Auto Manufacturers

Some manufacturers offer extra benefits, including free public charging and help with home charger installation. Ask your dealership for more information on manufacturers' incentives.

For more info, scan the code or visit MontgomeryCountyMD.gov/ZEV











MontgomeryCountyMD.gov/ZEV



## Why Buy an **Electric Vehicle?**



## **What to Know About EV Charging**





## **Save Money**\*

Save up to \$10,000 on fuel and maintenance costs over 5 years.



## **Better Ride**

Enjoy high performance and near-instant acceleration.



## Cleaner Air\*\*

Breathe easy with no tailpipe emissions and less climatewarming CO<sub>2</sub>.



## **Energy Independence**

Charge at home and end reliance on volatile gasoline prices.

- \*Based on \$600 savings on maintenance costs (\$0.04/mile) and \$1,400 savings on fuel costs per year, at 15,000 miles driving per year. Individual savings will vary based on vehicle type, miles driven, and fuel costs.
- \*\*Sedan style gas vehicles can emit 381 grams of CO2 per mile while similar battery electric vehicles are responsible for 114 grams of CO2 equivalent emissions from utility power sources in Montgomery County.





Charging at Home is one of the biggest benefits of owning an EV. Most EV owners charge at night and start each day with a full battery.

Charging at home can add \$20-50 per month to your electric bill, depending on how often you charge. Ask your utility about time-of-use rates that can reduce your charging costs.

On average, installing a Level 2 charger at home costs \$1,200, but prices can vary. Contact a qualified electrician to get a recommendation and cost estimate.

### **CHARGING IN PUBLIC**

Charging can be done at over 500 public charging stations in Montgomery County, including 90 DC Fast Charging ports.

Find public charging and plan your trip with a variety of websites and mobile apps like Alternative Fuels Datacenter, PlugShare and ChargeHub.



### **TYPES OF CHARGERS**



## **Level 1 Charger**

- 5 miles of range for every hour of charging
- Plugs into standard 120V outlets with manufacturerprovided charging cord
- Overnight charging meets your needs if you normally drive 40 miles or less daily



### **Level 2 Charger**

- 25 miles of range for every hour of charging
- Can be installed at home with a 240V circuit
- Commonly found at retail and public parking



## **Level 3 Direct Current Fast Chargers (DCFC)**

- Full charge in 30 minutes or less
- Found along highways and public charging locations
- More expensive than other charging options
- Not compatible with plug-in hybrids and some fully electric models